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(54) BRAKING FORCE DISTRIBUTION CONTROLLING METHOD

(57) Abstract:

**PROBLEM TO BE SOLVED:** To properly perform the starting of a braking force distribution control by increasing a deceleration threshold according to lateral acceleration when a processing object is an outer wheel and decreasing the deceleration threshold when the processing object is an inner wheel and starting the braking force distribution control for a rear wheel when an absolute value of vehicle deceleration exceeds the deceleration threshold.

**SOLUTION:** Whether a rear wheel of a processing object of a braking force distribution control is an outer wheel or an inner wheel is decided. Whether an absolute

value of estimated deceleration is larger than a deceleration threshold or not is judged. When the absolute value is larger, whether a starting flag of the braking force distribution control for starting braking force distribution is set or whether a slip ratio is larger than a slip threshold or not is judged. The slip threshold is made a value that a correction value is added to a prescribed value in the case of the outer wheel and the slip threshold is made a value that the correction value is subtracted from the prescribed value in the case of the inner wheel. When the slip ratio is larger, the starting flag of the braking force distribution control is set to start the braking force distribution. As a result, the starting of the braking force distribution control can be exactly performed.

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